

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/009839

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01R9/05

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4 173 385 A (FENN JOHN W ET AL) 6 November 1979 (1979-11-06) column 2, lines 38-62 column 4, lines 5-45 figures 1-3	1-11
Y	US 5 383 798 A (LIN LARK) 24 January 1995 (1995-01-24) column 2, lines 56-68 figures 3,4	1-5,7-11
Y	US 5 030 122 A (SHEESLEY WILMER L ET AL) 9 July 1991 (1991-07-09) column 3, lines 4-49	6
A	column 5, lines 19-38 figures 1-3,5	1,2,8,9, 11
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*S\* document member of the same patent family

Date of the actual completion of the international search

6 December 2004

Date of mailing of the international search report

17/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		Relevant to claim No.
Category *	Citation of document, with indication, where appropriate, of the relevant passages	
A	GB 900 277 A (W H BODDINGTON & COMPANY LTD) 4 July 1962 (1962-07-04) page 1, line 88 - page 2, line 79 figures 1,2 -----	1,3,4,8, 9